CORRECTED VERSION

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 11 March 2004 (11.03.2004)

(10) International Publication Number WO 2004/020466 A1

(51) International Patent Classification7:

C07K 14/47

(21) International Application Number:

PCT/EP2003/050385

- (22) International Filing Date: 20 August 2003 (20.08.2003)
- (25) Filing Language:

(26) Publication Language:

English

(30) Priority Data:

02019357.9

29 August 2002 (29.08.2002)

- (71) Applicant (for all designated States except US): AP-PLIED RESEARCH SYSTEMS ARS HOLDING N.V. [NL/NL]; Pietermaai 15, NL-Curação (AN).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HOOFT VAN HUI-JSDULJNEN, Rob [CH/CH]; Chemin de la Lechaire 27, CH-1233 Bernex (CH). WALCHLI, Sebastien [CH/NO]; Stensgata 36A, N-0358 Oslo (NO). ARIGONI, Fabrizio [CH/CH]; 2, rue Maurice, CH-1204 Geneva (CH).
- (74) Agent: SERONO INTERNATIONAL S.A. INTEL-LECTUAL PROPERTY; 12, Chemin des Aulx, CH-1228 Plan-les-Ouates (CH).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

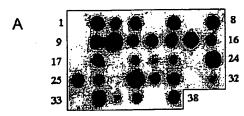
Published:

- with international search report
- with sequence listing part of description published separately in electronic form and available upon request from the International Bureau
- (48) Date of publication of this corrected version:

20 January 2005

[Continued on next page]

(54) Title: PROTEIN TYROSINE PHOSPHATASE INHIBITORS



		·	Α	1 9 17 25 33			8 16 24 32	С	
	В۱	ib-1	2 3	AEGEFYTAZGSAAT D	-6	19 20 21	AEGEFEPIYNAYOVD AEGEFEPIYNAZOVD		AEGEFQYZGEYTRGD
·		lb-2	5 6	AEGEFIZONIADFLD AEGEFIZONIADFLD AEGEFYDIILAGHAD		22 23 24 25	ARGEFEFIZNAZOVD ARGEFYGTYRGODED ARGEFYGTYRGODED ARGEFYGTZRGODED		AVGEFQYZGEYTRGD AEVEFQYZGEYTRGD AEGVFQYZGEYTRGD
046	1	lb-3	6 9 10	AEGEFZDIILAGHAD AEGEFÇYYGEYTRGD		26 27 28	ARGEFZGTZRGODED		AEGEYQYZGEYTRGD AEGEFYYZGEYTRGD
/07(1	lb-4	11 12 13	AEGETQYZGEYTRGD AEGETQYZGEZTRGD AEGETQYZGEZTRGD		29 30 31	ABGBFYNLZEGVMSD ABGBFYNLZEGVMSD	*	AEGEFQYVGEYTRGD AEGEFQYVGEYTRGD AEGEFQYZVEYTRGD
2004/020466			14 15 16	AEGEFOZYGEZTRGD AEGEFOZZGEYTRGD AEGEFOZZGEZTRGD AEGEFPEYAMLENSD	-12	32 33 34 35	ARGEF OS EVZ GNF AD ARGEF AT YESYALMD ARGEF AT YES ZALMD ARGEF AT YES ZALMD		AEGEFQYZGVYTRGD AEGEFQYZGEVTRGD
0 2	1	16-5	lié	AEGEF PEZ AMLENSD	. 13	36 37 38	ARGEFATIES ZALMD ARGEFYGTFAPKPLD ARGEFZGTFAPKFLD		AEGEFQYZGEY <u>V</u> RGD AEGEFQYZGEYT <u>V</u> GD
	tract	: The	inve	ention relates to phosphopep	tide	s inhi	biting protein tyrosine phos	phatases, a	nd their medical uses.

